

We claim:

1. A slider comprising:

a foam core having a top surface, a bottom surface and edge surfaces;

a top layer entirely heat laminated to said top surface and edge surfaces of said

5 foam core;

a first pattern formed within said top layer, said first pattern being visible from outside of said top layer; and

a bottom layer entirely heat laminated to said bottom surface of said foam core.

2. The slider of claim 1, wherein said foam core is a polyethylene foam board and

10 said top layer comprising:

a first outer film having a top surface and a bottom surface, said first pattern being printed on said bottom surface of said first outer film; and

a first inner film having a bottom surface being heat laminated to said top surface and edge surfaces of said foam core and a top surface being heat laminated to said bottom 15 surface of said first outer film, whereby said first pattern is overlaid,

wherein said first outer film and first inner film are made of plastic.

3. The slider of claim 1, wherein said foam core is a polyethylene foam board and

said top layer comprises:

a first outer film having a top surface and a bottom surface, said first pattern being

20 printed on said bottom surface of said first outer film;

a first inner film having a top surface and a bottom surface, said top surface being heat laminated to said bottom surface of said first outer film, whereby said first pattern is overlaid; and

a first polyethylene foam skin having a top surface being heat laminated to said

25 bottom surface of said first inner film and a bottom surface being heat laminated to said

top surface and edge surfaces of said foam core, said first polyethylene foam skin having a greater density than the density of said foam core,

wherein said first outer film and first inner films are made of plastic.

4. The slider of claim 3, wherein said top surface of said first outer film has a 5 plurality of concaves forming depressions in said top surface and edge surfaces of said first polyethylene foam skin.

5. The slider of claim 1, wherein said foam core is a non-polyethylene foam board and said top layer comprises:

10 a first outer film having a top surface and a bottom surface, said first pattern being printed on said bottom surface of said first outer film;

a first inner film having a top surface and a bottom surface, said top surface being heat laminated to said bottom surface of said first outer film, whereby said first pattern is overlaid; and

15 a first bonding film having a top surface being heat laminated to said bottom surface of said first inner film and a bottom surface being heat laminated to said top surface and edge surfaces of said foam core,

wherein said first outer film and first inner film are made of plastic.

6. The slider of claim 1, wherein said foam core is a non-polyethylene foam board and said top layer comprises:

20 a first outer film having a top surface and a bottom surface, said first pattern being printed on said bottom surface of said first outer film;

a first inner film having a bottom surface and a top surface, said top surface being heat laminated to said bottom surface of said first outer film, whereby said first pattern is overlaid;

a first polyethylene foam skin having a top surface and a bottom surface, said top surface being heat laminated to said bottom surface of said first inner film; and

a first bonding film having a top surface being heat laminated to said bottom surface of said first polyethylene foam skin and a bottom surface being heat laminated to
5 said top surface and edge surfaces of said foam core,

wherein said first outer film and first inner film are made of plastic.

7. The slider of claim 6, wherein said top surface of said first outer film has a plurality of concaves forming depressions in said top surface of said first polyethylene foam skin.

10 8. The slider of claim 2, wherein said bottom layer comprises:

a second polyethylene foam skin having a top surface being heat laminated to said bottom surface of said foam core and a bottom surface; and
a plastic board having a top surface being heat laminated to said bottom surface of said second polyethylene foam skin,

15 wherein said second polyethylene foam skin has a greater density than a density of said foam core.

9. The slider of claim 3, wherein said bottom layer comprises:

a second polyethylene foam skin having a top surface being heat laminated to said bottom surface of said foam core and a bottom surface; and
a plastic board having a top surface being heat laminated to said bottom surface of
20 said second polyethylene foam skin,

wherein said second polyethylene foam skin has a greater density than a density of said foam core.

10. The slider of claim 5, wherein said bottom layer comprises:

a second bonding film having a top surface being heat laminated to said bottom surface of said foam core and a bottom surface;

a second polyethylene foam skin having a top surface being heat laminated to said bottom surface of said second bonding film and a bottom surface; and

5 a plastic board having a top surface being heat laminated to said bottom surface of said second polyethylene foam skin.

11. The slider of claim 6, wherein said bottom layer comprises:

a second bonding film having a top surface being heat laminated to said bottom surface of said foam core and a bottom surface;

10 a second polyethylene foam skin having a top surface being heat laminated to said bottom surface of said second bonding film and a bottom surface; and

a plastic board having a top surface heat laminated to said bottom surface of said second polyethylene foam skin.

12. The slider of claim 8, wherein said plastic board comprises:

15 a second inner film having a top surface being heat laminated to said bottom surface of said second polyethylene foam skin and a bottom surface;

a second outer film having a top surface being heat laminated to said bottom surface of said second inner film and a bottom surface;

a second pattern being pre-printed on said top surface of said second outer film

20 before said top surface being heat laminated to said bottom surface of said second inner film, whereby said second pattern is overlaid; and

a plate having a surface being heat laminated to said bottom surface of said second outer film, said second pattern being visible from out side of said plate,

wherein said second outer film, second inner film and plate are made of plastic.

25 13. The slider of claim 9, wherein said plastic board comprises:

a second inner film having a top surface being heat laminated to said bottom surface of said second polyethylene foam skin and a bottom surface;

a second outer film having a top surface being heat laminated to said bottom surface of said second inner film and a bottom surface;

5 a second pattern being pre-printed on said top surface of said second outer film before said top surface being heat laminated to said bottom surface of said second inner film, whereby said second pattern is overlaid; and

a plate having a surface being heat laminated to said bottom surface of said second outer film, said second pattern being visible from out side of said plate,

10 wherein said second outer film, second inner film and plate are made of plastic.

14. The slider of claim 10, wherein said plastic board comprises:

a second inner film having a top surface being heat laminated to said bottom surface of said second polyethylene foam skin and a bottom surface;

a second outer film having a top surface being heat laminated to said bottom surface of said second inner film and a bottom surface;

15 a second pattern being pre-printed on said top surface of said second outer film before said top surface being heat laminated to said bottom surface of said second inner film, whereby said second pattern is overlaid; and

a plate having a surface being heat laminated to said bottom surface of said second outer film, said second pattern being visible from out side of said plate,

20 wherein said second outer film, second inner film and plate are made of plastic.

15. The slider of claim 11, wherein said plastic board comprises:

a second inner film having a top surface being heat laminated to said bottom surface of said second polyethylene foam skin and a bottom surface;

a second outer film having a top surface being heat laminated to said bottom surface of said second inner film and a bottom surface;

a second pattern being pre-printed on said top surface of said second outer film before said top surface being heat laminated to said bottom surface of said second inner film, whereby said second pattern is overlaid; and

5 a plate having a surface being heat laminated to said bottom surface of said second outer film, said second pattern being visible from out side of said plate,

wherein said second outer film, second inner film and plate are made of plastic.

16. A composite layer comprising:

10 an first outer film having a top surface and a bottom surface;

a first pattern being printed on said bottom surface of said first outer film and visible from outside of said first outer film;

an first inner film having a bottom surface and a top surface, said top surface of said first inner film being heat laminated to said bottom surface of said first outer film, 15 whereby said first pattern is overlaid; and

a polyethylene foam skin having a bottom surface and a top surface, said top surface being heat laminated to said bottom surface of said first inner film, said polyethylene foam skin having a density in the range of 1.5 to 10 PCF,

wherein said first outer film and first inner film are made of plastic.

20 17. The composite layer of claim 16, further comprising a bonding film being heat laminated to said bottom surface of said polyethylene foam skin.

18. The composite layer of claim 16, further comprising a plastic board having a top surface being heat laminated to said bottom surface of said polyethylene foam skin.

25 19. The composite layer of claim 18, further comprising two holes through said composite layer being handholds.

20. The composite layer of claim 18, wherein said top surface of said first outer film has a plurality of concaves forming depressions in said top surface of said polyethylene foam skin.

21. The composite layer of claim 18, wherein said plastic board further
5 comprising:

a second inner film having a top surface being heat laminated to said bottom surface of said polyethylene foam skin and a bottom surface;

a second outer film having a top surface being heat laminated to said bottom surface of said second inner film and a bottom surface;

10 a second pattern being pre-printed on said top surface of said second outer film before said top surface of said surface of said second outer film being heat laminated to said bottom surface of said second inner film, whereby said second pattern is overlaid; and

15 a plate having a surface being heat laminated to said bottom surface of said outer film, said second pattern being visible from out side of said plate,

wherein said outer film, inner film and plate are made of plastic.

22. The composite layer of claim 16, further comprising a plastic board having a surface being heat laminated to said top surface of said first outer film.

23. The composite layer of claim 17, further comprising a plastic board having a surface being heat laminated to said top surface of said first outer film.

24. A composite layer comprising:

a polyethylene foam skin having a bottom surface and a top surface, said polyethylene foam skin having a density in the range of 1.5 to 10 PCF; and

25 a plastic board having a surface being heat laminated to said top surface of said polyethylene foam skin.

25. The composite layer of claim 24, further comprising a bonding film being heat laminated to said bottom surface of said polyethylene foam skin.